

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L20	16	(PVA, polyvinyl near3 yarn) and (twist) and (water-soluble, water near soluble) and (composite near yarn)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/30 11:22
L21	5	((("5762716") or ("3621646") or ("5268222") or ("5207837"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/30 11:44
L22	4	l21 and (PVA, polyvinyl near3 yarn, twist, polyvinyl near alcohol, water-soluble, water near5 soluble, composite near yarn)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/30 11:45
L23	9865	(134/2, 134/6, 134/7, 134/10, 134/13, 134/42, 15/104.93). ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/30 11:57
L24	17	l23 and (soluble) and (twist)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/30 11:57
L25	11	l24 and (water) and (fiber, fibre, fabric)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/30 11:58
L26	3	((("5181966") or ("5181967") or ("5207837"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/30 12:04
L27	3	(PVA, polyvinyl near alcohol) and (polyvinylpyrrolidone, polyvinyl near pyrrolidone) and (twist) and (water-soluble, water near soluble) and (composite near yarn)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/30 12:13
L28	2	wo-2005087995-\$.did.	FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/30 12:42
L29	2	EP-1731638-\$.did.	FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/30 13:15
L30	42	((AKI RA) near2 (TAKEUCHI)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/30 13:19
L31	102	((TATSUO) near2 (KOBAYASHI)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/30 13:19
L32	8	((Koichi) near2 (Teshima)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/30 13:20
L33	0	((Koichi) near2 (Tejima)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/30 13:20
L34	9	((masami) near2 (asano)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/30 13:20

L35	158	I30 or I31 or I32 or I34	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/30 13:20
L36	3	I35 and (PVA, polyvinyl near3 yarn) and (twist) and (water-soluble, water near soluble) and (composite near yarn)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/30 13:21
L37	26	(isotropic) and (pitch-based, pitch near based) and (spun) and (fiber, fibre) and (aggregates, sliver)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/30 15:45
S2	4	(isotropic near3 carbon) and (spun near3 fabric)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 16:13
S3	109	(isotropic) and (spun near3 fabric)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 16:14
S4	5	S3 and (pitch near3 carbon)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 16:14
S5	68	S3 and (carbon)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 16:15
S6	5	S5 and (pitch)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 16:15
S7	3	(isotropic near3 carbon) and (spun near3 fabric)	FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/24 16:16
S8	8753	(spun near3 yarn) and (fabric)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 16:17
S9	473	S8 and (isotropic, isotropically, isotropy, unidirectional, unidirectional)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 16:19
S10	4	S9 and (vinylon)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 16:22
S11	2558	(vinylon)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 16:22
S12	708	S11 and (water-soluble, water near2 soluble)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 16:23
S13	33	S12 and (spun near3 yarn) and (fabric)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 16:25
S14	0	S12 and (bi-component)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 16:31
S15	15	S12 and (bicomponent)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 16:31
S16	1	(vinylon near3 bicomponent)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 16:40
S17	27	(isotropic) and (spun near3 fabric) and (water-soluble, water near2 soluble)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 16:43
S18	22	S17 and (carbon, vinylon)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 16:43
S19	1	S18 and (carbon) and (vinylon)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 16:44

S20	6	("4552329"   "5030435"   "5228175"   "6051313"   "6585842"   "6800364").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 16:45
S21	0	S20 and (vinylon)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 16:45
S22	0	S21 and (water-soluble, water near2 soluble)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 16:45
S23	8781	((428/327, 428/346, 428/364, 428/295.1, 428/295, 428/292.1) or (264/640, 264/345, 264/29.7) or (210/500.1)).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 16:48
S24	237	S23 and (pitch near3 carbon)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 16:48
S25	7	S24 and (spun near3 yarn) and (fabric)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 16:48
S26	6	S25 and (isotropic, isotropically, isotropy, unidirectional, unidirectional)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 16:48
S27	4	((("5248705") or ("5369723") or ("5972253") or ("6258737")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/24 16:51
S28	0	S27 and (vinylon)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 16:51
S29	1	S27 and (water-soluble, water near2 soluble)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 16:52
S30	3	S20 and (water-soluble, water near2 soluble)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 16:52
S31	39	(pitch near3 carbon) and (vinylon)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 16:53
S32	8	S31 and (water-soluble, water near2 soluble)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 16:53
S33	372	(pitch near3 carbon) and (water-soluble, water near2 soluble)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 16:59
S34	67	S33 and (isotropic, isotropically, isotropy, unidirectional, unidirectional)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/24 17:00
S35	1	("5030435").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/24 17:09
S36	3	((("4552329") or ("5228175") or ("6800364")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/24 17:09

## EAST Search History (1 interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S37	1	(isotropic near3 carbon) and (spun near3 fabric)	USPAT; UPAD	OR	ON	2009/11/24 16:16

**11/30/2009 4:30:03 PM**

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\\Isotropic\_112409.wsp**